

1646 #11

RAW SEQUENCE LISTING

DATE: 10/25/2001

PATENT APPLICATION: US/09/461,436

TIME: 11:50:10

Input Set : N:\Crf3\RULE60\09461436.txt

Output Set: N:\CRF3\10252001\I461436.raw

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NOV 02 2001

TECH CENTER 1600/2900

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
6 (i) APPLICANT: Hinuma, Shuji
7 Hosoya, Masaki
8 Fujii, Ryo
9 Ohtaki, Tetsuya
10 Fukusumi, Shoji
11 Ohgi, Kazuhiro
13 (ii) TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN,
14 PRODUCTION, AND USE THEREOF
16 (iii) NUMBER OF SEQUENCES: 380
18 (iv) CORRESPONDENCE ADDRESS:
19 (A) ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
20 (B) STREET: 130 Water Street
21 (C) CITY: Boston
22 (D) STATE: MA
23 (E) COUNTRY: USA
24 (F) ZIP: 02109
26 (v) COMPUTER READABLE FORM:
27 (A) MEDIUM TYPE: Floppy disk
28 (B) COMPUTER: IBM PC compatible
29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
32 (vi) CURRENT APPLICATION DATA:
C--> 33 (A) APPLICATION NUMBER: US/09/461,436
C--> 34 (B) FILING DATE: 14-Dec-1999
35 (C) CLASSIFICATION:
77 (vii) PRIOR APPLICATION DATA:
38 (A) APPLICATION NUMBER: 08/513,974
39 (B) FILING DATE:
42 (A) APPLICATION NUMBER: JP 7-093989
43 (B) FILING DATE: 19-AUG-1995
46 (A) APPLICATION NUMBER: JP 7-057186
47 (B) FILING DATE: 16-MAR-1995
50 (A) APPLICATION NUMBER: JP 7-007177
51 (B) FILING DATE: 20-JAN-1995
54 (A) APPLICATION NUMBER: JP 6-326611
55 (B) FILING DATE: 28-DEC-1994
58 (A) APPLICATION NUMBER: JP 6-270017
59 (B) FILING DATE: 02-NOV-1994
62 (A) APPLICATION NUMBER: JP 6-236357
63 (B) FILING DATE: 30-SEP-1994
66 (A) APPLICATION NUMBER: JP 6-236356
67 (B) FILING DATE: 30-SEP-1994
70 (A) APPLICATION NUMBER: JP 6-189274
71 (B) FILING DATE: 11-AUG-1994
74 (A) APPLICATION NUMBER: JP 6-189273

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75      (B) FILING DATE: 11-AUG-1945
76      (A) APPLICATION NUMBER: JP 6-189272
77      (B) FILING DATE: 11-AUG-1994
78      (viii) ATTORNEY/AGENT INFORMATION:
79      (A) NAME: Resnick, David S.
80      (B) REGISTRATION NUMBER: 34,235
81      (C) REFERENCE/DOCKET NUMBER: 45753
82      (ix) TELECOMMUNICATION INFORMATION:
83      (A) TELEPHONE: 617-523-3400
84      (B) TELEFAX: 617-523-6440
85      (2) INFORMATION FOR SEQ ID NO: 1:
86      (i) SEQUENCE CHARACTERISTICS:
87      (A) LENGTH: 25 base pairs
88      (B) TYPE: nucleic acid
89      (C) STRANDEDNESS: single
90      (D) TOPOLOGY: linear
91      (ii) MOLECULE TYPE: other nucleic acid
92      (A) DESCRIPTION: /desc = "synthetic DNA"
93      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
94      CGTGGSCMTS STGGGCAACN YCCTG
95      (2) INFORMATION FOR SEQ ID NO: 2:
96      (i) SEQUENCE CHARACTERISTICS:
97      (A) LENGTH: 27 base pairs
98      (B) TYPE: nucleic acid
99      (C) STRANDEDNESS: single
100     (D) TOPOLOGY: linear
101     (ii) MOLECULE TYPE: other nucleic acid
102     (A) DESCRIPTION: /desc = "synthetic DNA"
103     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
104     GTNGWRRGGC ANCCAGCAGA KGGCAAA
105     (2) INFORMATION FOR SEQ ID NO: 3:
106     (i) SEQUENCE CHARACTERISTICS:
107     (A) LENGTH: 27 base pairs
108     (B) TYPE: nucleic acid
109     (C) STRANDEDNESS: single
110     (D) TOPOLOGY: linear
111     (ii) MOLECULE TYPE: other nucleic acid
112     (A) DESCRIPTION: /desc = "synthetic DNA"
113     (ix) FEATURE:
114     (D) OTHER INFORMATION: N = inosine
115     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
116     CTCGCSGCMY TNRGYATGGA YCGNTAT
117     (2) INFORMATION FOR SEQ ID NO: 4:
118     (i) SEQUENCE CHARACTERISTICS:
119     (A) LENGTH: 30 base pairs
120     (B) TYPE: nucleic acid
121     (C) STRANDEDNESS: single
122     (D) TOPOLOGY: linear
123     (ii) MOLECULE TYPE: other nucleic acid

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155      (A) DESCRIPTION: /desc = "synthetic DNA
157      (ix) FEATURE:
158          (D) OTHER INFORMATION: N = inosine
161      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
163 CATGTRGWAG GGAANCCAGS AMANRARRAA                      30
165 (2) INFORMATION FOR SEQ ID NO: 5:
167      (i) SEQUENCE CHARACTERISTICS:
168          (A) LENGTH: 27 base pairs
169          (B) TYPE: nucleic acid
170          (C) STRANDEDNESS: single
171          (D) TOPOLOGY: linear
173      (ii) MOLECULE TYPE: other nucleic acid
174          (A) DESCRIPTION: /desc = "synthetic DNA
177      (ix) FEATURE:
178          (D) OTHER INFORMATION: N = inosine
180      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
182 CTGACYGYTC TNRSNRYTGA CMGVTAC                          27
184 (2) INFORMATION FOR SEQ ID NO: 6:
186      (i) SEQUENCE CHARACTERISTICS:
187          (A) LENGTH: 27 base pairs
188          (B) TYPE: nucleic acid
189          (C) STRANDEDNESS: single
190          (D) TOPOLOGY: linear
192      (ii) MOLECULE TYPE: other nucleic acid
193          (A) DESCRIPTION: /desc = "synthetic DNA
196      (ix) FEATURE:
197          (D) OTHER INFORMATION: N = inosine
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
201 CTGACYGYTC TNRSNRYTGA CMGVTAT                          27
203 (2) INFORMATION FOR SEQ ID NO: 7:
205      (i) SEQUENCE CHARACTERISTICS:
206          (A) LENGTH: 27 base pairs
207          (B) TYPE: nucleic acid
208          (C) STRANDEDNESS: single
209          (D) TOPOLOGY: linear
211      (ii) MOLECULE TYPE: other nucleic acid
212          (A) DESCRIPTION: /desc = "synthetic DNA
214      (ix) FEATURE:
215          (D) OTHER INFORMATION: N = inosine
218      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
220 CTCGCSGCMY TNRGYATGGA YCGNTAC                          27
222 (2) INFORMATION FOR SEQ ID NO: 8:
224      (i) SEQUENCE CHARACTERISTICS:
225          (A) LENGTH: 30 base pairs
226          (B) TYPE: nucleic acid
227          (C) STRANDEDNESS: single
228          (D) TOPOLOGY: linear
230      (ii) MOLECULE TYPE: other nucleic acid
231          (A) DESCRIPTION: /desc = "synthetic DNA

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233      (ix) FEATURE:
234          (D) OTHER INFORMATION: N = inosine
237      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
239 GATGTGRTAR GGSRNCCAAC AGANGRYAAA                                30
241 (2) INFORMATION FOR SEQ ID NO: 9:
243      (i) SEQUENCE CHARACTERISTICS:
244          (A) LENGTH: 30 base pairs
245          (B) TYPE: nucleic acid
246          (C) STRANDEDNESS: single
247          (D) TOPOLOGY: linear
249      (ii) MOLECULE TYPE: other nucleic acid
250          (A) DESCRIPTION: /desc = "synthetic DNA
253      (ix) FEATURE:
254          (D) OTHER INFORMATION: N = inosine
256      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
258 GATGTGRTAR GGSRNCCAAC AGANGRYGAA                                30
260 (2) INFORMATION FOR SEQ ID NO: 10:
262      (i) SEQUENCE CHARACTERISTICS:
263          (A) LENGTH: 27 base pairs
264          (B) TYPE: nucleic acid
265          (C) STRANDEDNESS: single
266          (D) TOPOLOGY: linear
268      (ii) MOLECULE TYPE: other nucleic acid
269          (A) DESCRIPTION: /desc = "synthetic DNA
272      (ix) FEATURE:
273          (D) OTHER INFORMATION: N = inosine
275      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
277 GYCACCAACN WSTTCATCCT SWNHCTG                                27
279 (2) INFORMATION FOR SEQ ID NO: 11:
281      (i) SEQUENCE CHARACTERISTICS:
282          (A) LENGTH: 27 base pairs
283          (B) TYPE: nucleic acid
284          (C) STRANDEDNESS: single
285          (D) TOPOLOGY: linear
287      (ii) MOLECULE TYPE: other nucleic acid
288          (A) DESCRIPTION: /desc = "synthetic DNA
291      (ix) FEATURE:
292          (D) OTHER INFORMATION: N = inosine
294      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
296 ASNSANRAAG SARTAGANGA NRGGR TT                                27
298 (2) INFORMATION FOR SEQ ID NO: 12:
300      (i) SEQUENCE CHARACTERISTICS:
301          (A) LENGTH: 25 base pairs
302          (B) TYPE: nucleic acid
303          (C) STRANDEDNESS: single
304          (D) TOPOLOGY: linear
306      (ii) MOLECULE TYPE: other nucleic acid
307          (A) DESCRIPTION: /desc = "synthetic DNA
309      (ix) FEATURE:

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310         (D) OTHER INFORMATION: N = inosine
313     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
315 TGNTSSTKMT NGSNGTKGTN GGNAA
317 (2) INFORMATION FOR SEQ ID NO: 13:
319     (i) SEQUENCE CHARACTERISTICS:
320         (A) LENGTH: 25 base pairs
321         (B) TYPE: nucleic acid
322         (C) STRANDEDNESS: single
323         (D) TOPOLOGY: linear
325     (ii) MOLECULE TYPE: other nucleic acid
326         (A) DESCRIPTION: /desc = "synthetic DNA
329     (ix) FEATURE:
330         (D) OTHER INFORMATION: N = inosine
332     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
334 AYCKGTAYCK GTCCANKGWN ATKGC
336 (2) INFORMATION FOR SEQ ID NO: 14:
338     (i) SEQUENCE CHARACTERISTICS:
339         (A) LENGTH: 24 base pairs
340         (B) TYPE: nucleic acid
341         (C) STRANDEDNESS: single
342         (D) TOPOLOGY: linear
344     (ii) MOLECULE TYPE: other nucleic acid
345         (A) DESCRIPTION: /desc = "synthetic DNA
348     (ix) FEATURE:
349         (D) OTHER INFORMATION: N = inosine
351     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
353 CATKKCCSTG GASAGNTAYN TRGC
355 (2) INFORMATION FOR SEQ ID NO: 15:
357     (i) SEQUENCE CHARACTERISTICS:
358         (A) LENGTH: 24 base pairs
359         (B) TYPE: nucleic acid
360         (C) STRANDEDNESS: single
361         (D) TOPOLOGY: linear
363     (ii) MOLECULE TYPE: other nucleic acid
364         (A) DESCRIPTION: /desc = "synthetic DNA
367     (ix) FEATURE:
368         (D) OTHER INFORMATION: N = inosine
370     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
372 GWWGGGSAKC CAGCASANGG CRAA
374 (2) INFORMATION FOR SEQ ID NO: 16:
376     (i) SEQUENCE CHARACTERISTICS:
377         (A) LENGTH: 18 base pairs
378         (B) TYPE: nucleic acid
379         (C) STRANDEDNESS: single
380         (D) TOPOLOGY: linear
382     (ii) MOLECULE TYPE: other nucleic acid
383         (A) DESCRIPTION: /desc = "synthetic DNA
385     (ix) FEATURE:
386         (D) OTHER INFORMATION: N at position 6, 9, 10 & 12 = inosine;

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/461,436

DATE: 10/25/2001

TIME: 11:50:11

Input Set : N:\Crf3\RULE60\09461436.txt

Output Set: N:\CRF3\10252001\I461436.raw

L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:8088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343

L:8169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344